

IN THE CLAIMS:

The following is a complete listing of the claims in this application, reflects all changes currently being made to the claims, and replaces all earlier versions and all earlier listings of the claims:

1.-6. (Canceled)

7. (Currently Amended) A communication apparatus for forming and outputting image data on the basis of data received via a network, comprising:

a receiving unit adapted to receive data composed of a predetermined character code;

an extracting unit adapted to analyze the data received by said receiving unit and to extract binary data encoded by the character code;

a converting unit adapted to convert the binary data extracted by said extracting unit into image data;

a first determining unit adapted to determine, during a receiving session [[by]] of said receiving unit, whether the binary data is convertible into image data; and

a first informing unit adapted to inform a source of the received data of the determination result from said first determining unit ~~during the receiving session,~~

wherein said first determining unit and said first informing unit operate during the same receiving session.

8. (Currently Amended) The apparatus according to claim 7, wherein said receiving unit receives data by an ~~Electric~~ electronic mail protocol; and  
said first informing unit informs the source by using a response signal in the ~~Electric~~ electronic mail protocol.

9. (Previously Presented) The apparatus according to claim 7, further comprising:  
a second informing unit adapted to transmit, if said second determining unit determines that the data is inconvertible, a message concerning the information transmitted by said first informing unit in another session after the receiving session is completed.

10. (Previously Presented) The apparatus according to claim 9, further comprising:  
a second determining unit adapted to determine a language type of the source of the received binary data, which is extracted from a character data portion other than the binary data,  
wherein said second informing unit transmits a message corresponding to the language type determined by said second determining unit.

11. (Currently Amended) The apparatus according to claim 7, further comprising:

..

a third determining unit adapted to ~~transmit~~ determine, during the receiving session ~~[[by]]~~ of said receiving unit, whether the binary data encoded by the character code can be decoded,

wherein said first informing unit informs the source of the received data of the determination result from said third determining unit during ~~[[the]]~~ that receiving session.

12. (Currently Amended) The apparatus according to claim 11, wherein said receiving unit receives data by an ~~Electric~~ electronic mail protocol, and said first informing unit informs by using a response signal in the ~~Electric~~ electronic mail protocol.

13. (Previously Presented) The apparatus according to claim 11, further comprising:

a third informing unit adapted to transmit, if said third determining unit determines that the data is inconvertible, a message concerning the information transmitted by said first informing unit in another session after the receiving session is completed.

14. (Previously Presented) The apparatus according to claim 13, further comprising:

a language determining unit adapted to determine a language type of the source of the received binary data, which is extracted from a character data portion other than the binary data,

wherein said third informing unit transmits a message corresponding to the language type determined by said language determining unit.

15.-20. (Canceled)

21. (Currently Amended) A method of forming and outputting image data on the basis of data received via a network, comprising the steps of:

- receiving data composed of a predetermined character code;
- analyzing the received data and extracting binary data encoded by the character code;
- converting the extracted binary data into image data;
- determining, during a receiving session [[by]] in which said receiving step is performed, whether the binary data is convertible into image data, and outputting a second determination result; and
- informing a source of the received data of the second determination result during the receiving session,

wherein said determining step and said informing step are performed during the same receiving session.

22. (Currently Amended) The method according to claim 21, wherein said receiving step includes receiving data by an ~~Electric~~ electronic mail protocol; and

the second determination result is transmitted by using a response signal in the ~~Electric~~ electronic mail protocol.

23. (Currently Amended) The method according to claim 21, further comprising the step of:

transmitting, if the second determination result indicates that the data is inconvertible, a message concerning the second determination result in another session after the receiving session is completed.

24. (Currently Amended) The method according to claim 23, further comprising the step of:

determining a language type of ~~said source~~ a search of the received binary data, which is extracted from a character data portion other than the binary data,

wherein a message corresponding to the determined language type is transmitted in another session.

25. (Previously Presented) The method according to claim 21, further comprising the step of:

determining, during the receiving session of said receiving step, whether the binary data encoded by the character code can be decoded, and outputting a third determination result,

wherein the source of the received data is informed of the third determination result during the receiving session.

26. (Currently Amended) The method according to claim 25, wherein said receiving step includes receiving data by an ~~Electric~~ electronic mail protocol, and

said informing step includes informing the source by using a response signal in the ~~Electric~~ electronic mail protocol.

27. (Previously Presented) The method according to claim 25, further comprising the step of:

transmitting, if the third determination result indicates that the data is inconvertible, a message concerning the third determination result in another session after the receiving session is completed.

28. (Previously Presented) The method according to claim 27, further comprising the step of:

determining a language type of the source of the received binary data, which is extracted from a character data portion other than the binary data,

wherein a message corresponding to the determined language type is transmitted in another session.

29.-34. (Canceled)

35. (Currently Amended) A storage medium storing a computer program to be executed by a computer of a communication apparatus for forming and outputting

image data on the basis of data received via a network, said computer program comprising the steps of:

~~a process of receiving data composed of a predetermined character~~  
code;

~~a process of analyzing the received data and extracting binary data encoded~~  
by the character code;

~~a process of converting the extracted binary data into image data;~~

~~a process of determining, during a receiving session by a in which said~~  
receiving process step is performed, whether the binary data is convertible into image data,  
and outputting a second determination result; and

~~a process of informing a source of the received data of the second~~  
determination result during the receiving session,

wherein said determining and said informing steps are performed during the  
same receiving session.

36.-44. (Canceled)

45. (Currently Amended) A communication apparatus comprising:

a receiving unit adapted to receive electronic mail[:];

an extracting unit adapted to analyze the electronic mail received by said  
receiving unit and to extract binary data attached to the electronic mail;

a converting unit adapted to convert the binary data extracted by said  
extracting unit into image data[:]; and

an output unit adapted to output the image data converted by said converting unit,

wherein, if during a receiving session of the electronic mail, said converting unit detects that the binary data is inconvertible into image data, a source of the electronic mail is informed of a conversion error during the same receiving session.

46. (Canceled)

47. (Currently Amended) A communication apparatus comprising:

a receiving unit adapted to receive electronic mail;

an extracting unit adapted to analyze the electronic mail received by said receiving unit and to extract binary data attached to the electronic mail;

a converting unit adapted to convert the binary data extracted by said extracting unit into image data; and

an output unit adapted to output the image data converted by said converting unit,

wherein a language type of a source is determined from header information of the electronic mail received by said receiving unit, and electronic mail indicating the conversion error is generated by a message corresponding to the determined language type.

48. and 49. (Canceled)



50. (Currently Amended) A method of forming and outputting image data on the basis of received electronic mail, comprising the steps of:

- receiving electronic mail;
- analyzing the received electronic mail and extracting binary data attached to the electronic mail; and
- converting the extracted binary data into image data and outputting the converted image data,

wherein, if during a receiving session of the electronic mail, the binary data is found to be inconvertible into image data, a source of the electronic mail is informed of a conversion error during the same receiving session.

51. (Canceled)

52. (Currently Amended) A method of forming and outputting image data on the basis of received electronic mail, comprising the steps of:

- receiving electronic mail;
- analyzing the received electronic mail and extracting binary data attached to the electronic mail;
- converting the extracted binary data into image data; and
- outputting the converted image data,

wherein a language type of [[the]] a source is determined from header information of the received electronic mail, and electronic mail indicating the conversion error is generated by a message corresponding to the determined language type.

53 - 68. (Canceled)

69. (Previously Presented) A communication apparatus comprising:

an input unit adapted to input data;

a first determining unit adapted to determine whether the input data is non-image data or image-data;

a second determining unit adapted to determine whether the non-image data is convertible into image data;

a processing unit adapted to perform a converting process if the non-image data is convertible;

a content analyzing unit adapted to detect a language type and an address of a source from the electronic mail and to divide, by using MIME header information, received electronic information composed of a character code into a character code portion and a binary data portion converted into the character code; and

an error report informing unit adapted to transmit, if an error to be reported to the source occurs during the course of outputting the image data, an error report describing a content of the error by a character code corresponding to the detected language type to the source address detected by said content analyzing unit.

70. - 72. (Canceled)

73. (New) A communication apparatus comprising:

a receiving unit adapted to receive data sent from a remote sender;

a data processing unit adapted to process the data received by said receiving unit;

a content analyzing unit adapted to detect a language type of the data;

a report information generating unit adapted to generate information, relating to the result from said data processing unit, described by the language type detected by said content analyzing unit; and

an information transmitting unit adapted to transmit the information generated by said report information generating unit to the remote sender.

74. (New) The communication apparatus according to claim 73, wherein said content analyzing unit is also adapted to determine whether said data processing unit is capable of processing a detected language type.

75. (New) A data communication method comprising the steps of:  
receiving data sent from a remote sender;  
processing the data received in said receiving step;  
detecting a language type of the data;  
generating information relating to the result from said data processing unit described by the language type detected in said detecting step; and  
transmitting the information generated in said generating step to the remote sender.